COMSOL

USER MANUAL
USB 2.0 FILE TRANSFER CABLE

UDT-102

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1. Introduction

Congratulations on your purchase of the Comsol USB2.0 File Transfer Cable. This unique cable allows you to easily connect two computers with USB port and instantly transfer files at great speed. The Comsol USB2.0 File Transfer Cable is your fast solution for peer-to-peer file transfer between two computers via the USB port. The cable provides true plug-and-play capability while transferring files at much greater speed than USB1.1 file transfer products.

SuperLink application program provides drag-and-drop user-friendly interface to transfer files. You simply plug in the Comsol USB2.0 File Transfer Cable and install the application software on to your PC.

VirtualNet application program provides USB Networking which emulates Ethernet.

2. Package Content

- Hardware: Comsol USB2.0 File Transfer Cable
- Software: Driver software on CD

3. Product Features

- USB specification revision 2.0 compliant
- Single cable solution for file transfer
- Printer and Storage (device Hard drive, floppy and CD-ROM) sharing
- Drag-and-drop user-friendly interface. Includes power management and remote wake-up functions
- Support TCP/IP, NetBEUI, IPX/SPX protocols
- USB Networking – Ethernet emulation

4. System Requirements

PC

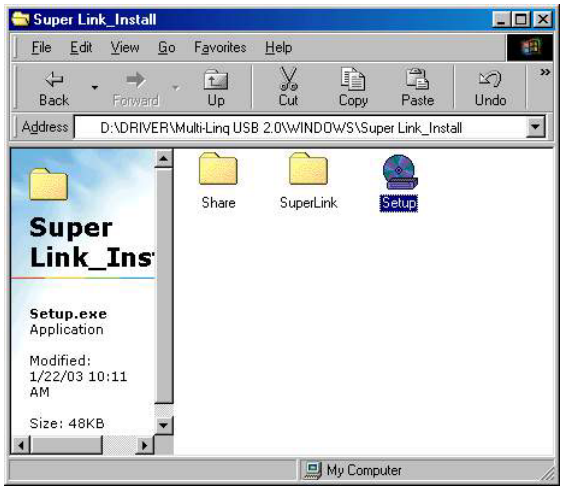
- IBM® PC Pentium 133 or higher or compatible system
- Available USB2.0 port (up to 480 Mbps) or available USB1.1 port (up to 12Mbps)
- CD-ROM drive
- Windows® 98, Windows® ME, Windows® 2000 and Windows® XP

5. Driver Installation (PC to PC File Transfer)

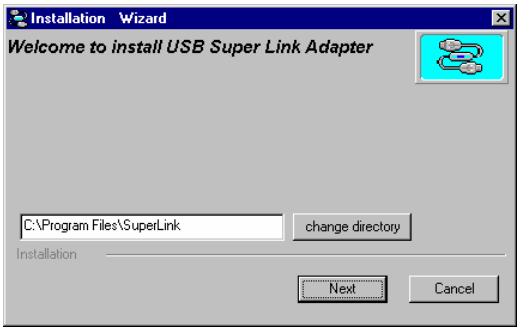
5.1 Windows® 98 Driver Installation

5.1.1 Power on both computers that you will connect to the Comsol USB2.0 File Transfer Cable and make sure USB port is enabled and working properly.

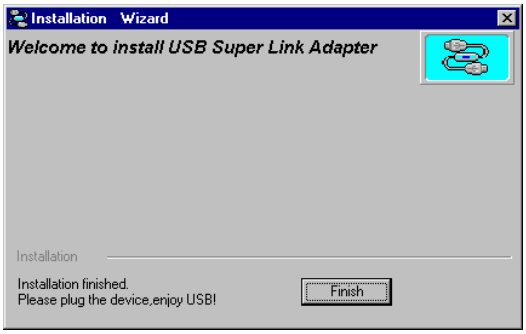
5.1.2 Select path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** (D: represents CD-ROM) and click twice on **"Setup.exe"** to install driver. Attention: Don't plug Comsol USB2.0 File Transfer Cable into PC's USB Port when installing driver.



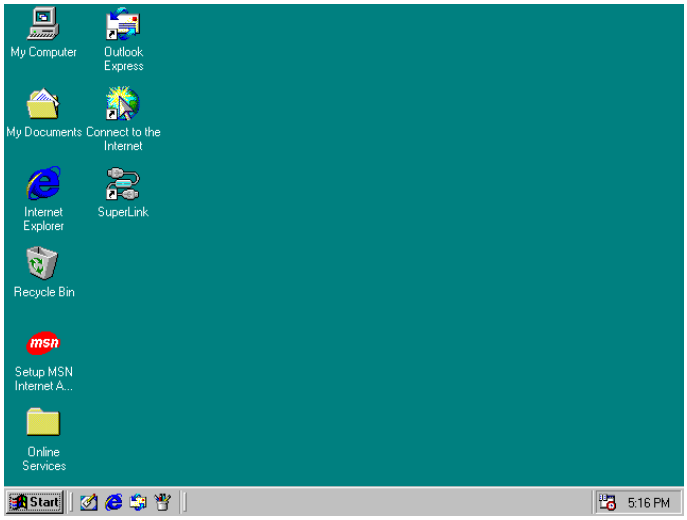
5.1.3 Windows® will install the driver at "C:\Program Files\SuperLink", you may put the driver at another location and click **"Next"** to continue.



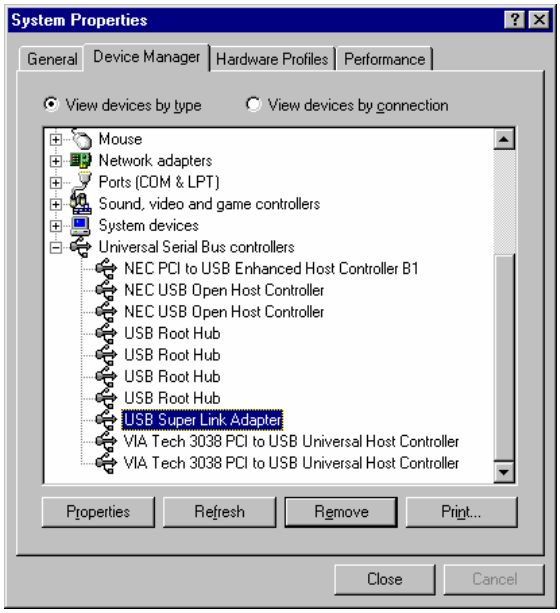
5.1.4 Click on **"Finish"** to end this installation.



5.1.5 After installation, there will be a new icon **“SuperLink”** on the desktop.



5.1.6 Plug the Comsol USB2.0 File Transfer Cable into USB Port of PC, then you will find a new item **“USB SuperLink Adapter”** at **“Universal Serial Bus controllers”** of **“Device Manager”**.

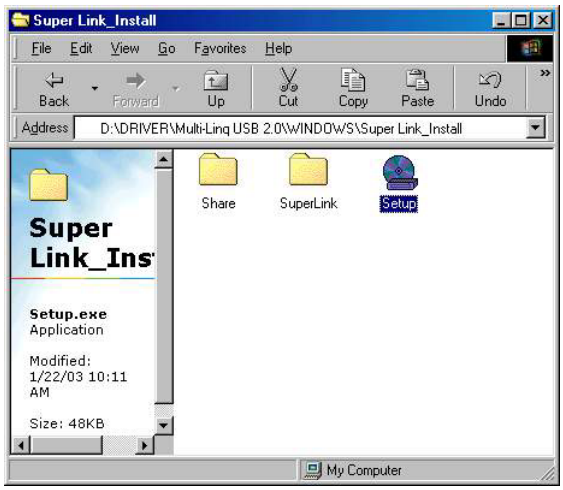


5.2 Windows® 98 Driver Un-Installation

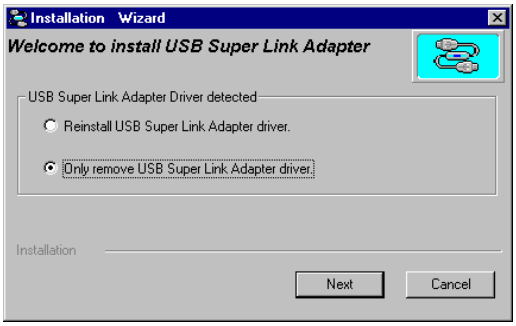
If you don't want to use this cable and want to eternally delete this driver from the PC then just follow the un-install procedure as follows.

Attention: Before you go through the un-installation procedure, please make sure that the Comsol USB2.0 File Transfer Cable has been un-plugged from PC.

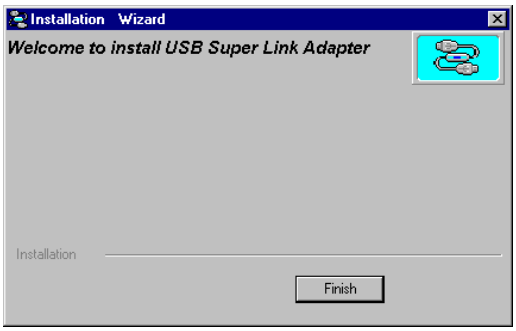
5.2.1 Point to path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** and double click on **"Setup.exe".**



5.2.3 Select **"Only remove USB Link Adapter driver"**, then click **"Next"** to continue.



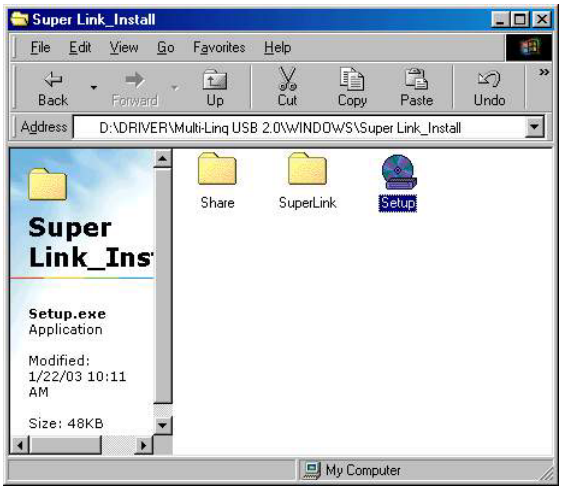
5.2.4 Click "Finish" to end this un-installation.



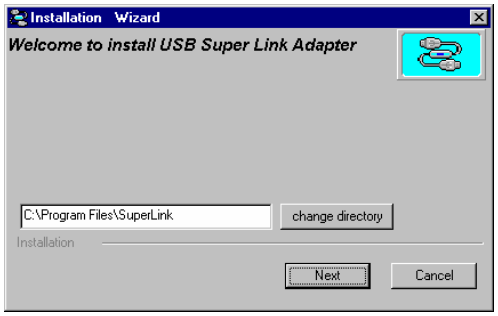
5.3 Windows® ME Driver Installation

5.3.1 Power on both computers that you will connect to the Comsol USB2.0 File Transfer Cable and make sure USB port is enabled and working properly.

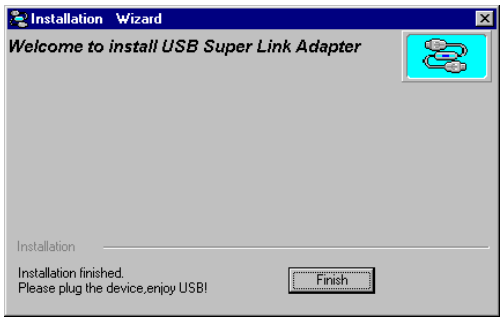
5.3.2 Select path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** (D: represents CD-ROM) and click twice on **"Setup.exe"** to install driver. Attention: Don't plug Comsol USB2.0 File Transfer Cable into PC's USB Port when installing driver.



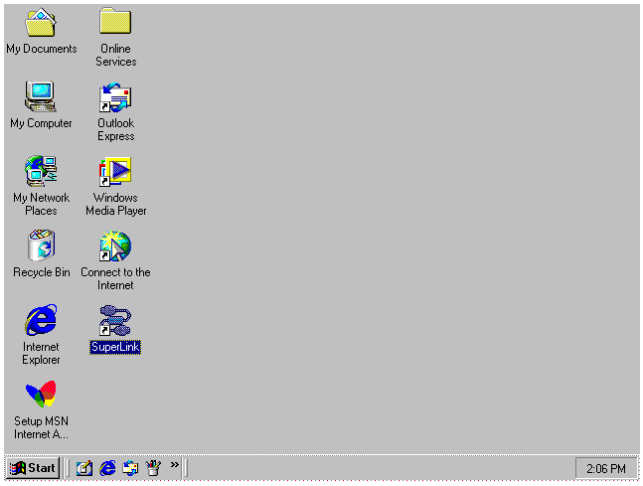
5.3.3 Windows® will install the driver at **"C:\Program Files\SuperLink"**, you may put the driver at another location and click **"Next"** to continue.



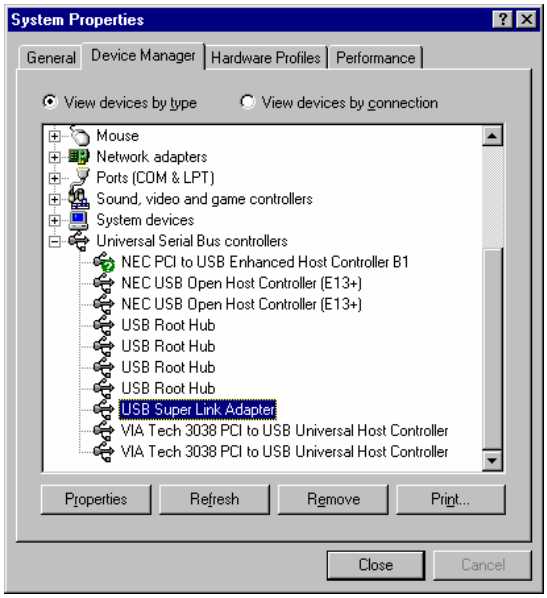
5.3.4 Click on **"Finish"** to end this installation.



5.3.5 After installation, there will be a new icon **"SuperLink"** on the desktop.



5.3.6 Plug the Comsol USB2.0 File Transfer Cable into USB Port of PC, then you will find a new item **"USB SuperLink Adapter"** at **"Universal Serial Bus controllers"** of **"Device Manager"**.

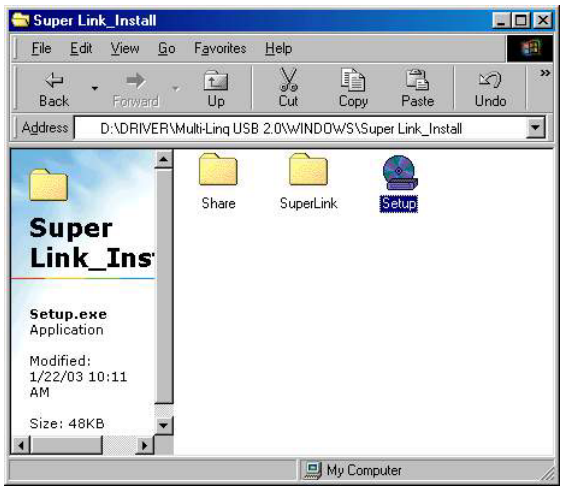


5.4 Windows® ME Driver Un-Installation

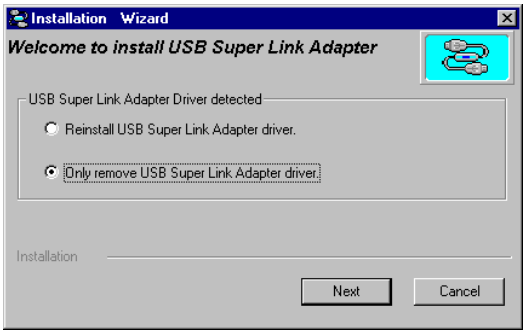
If you don't want to use this cable and want to eternally delete this driver from the PC then just follow the un-install procedure as follows.

Before you go through the un-installation procedure, please make sure that the Comsol USB2.0 File Transfer Cable is unplugged from PC.

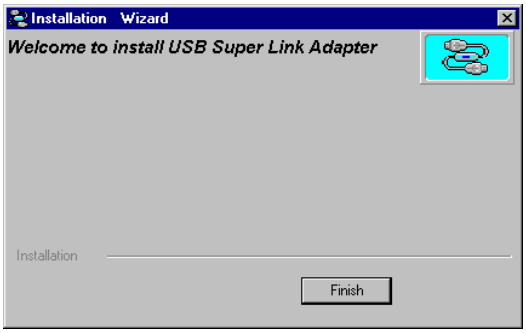
5.4.1 Point to path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** and double click on **"Setup.exe".**



5.4.2 Select **"Only remove USB Link Adapter driver"**, then click **"Next"** to continue.



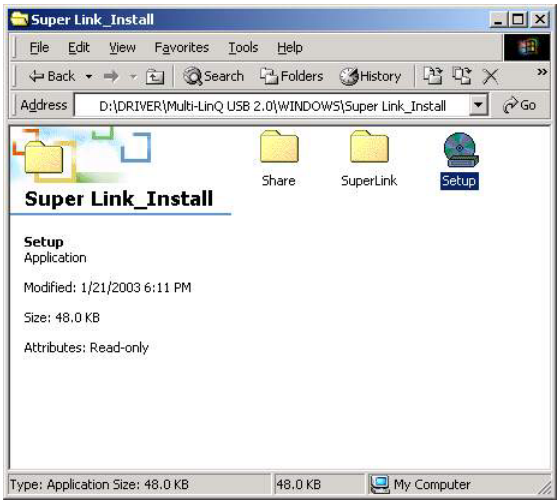
5.4.4. Click **"Finish"** to end this un-installation.



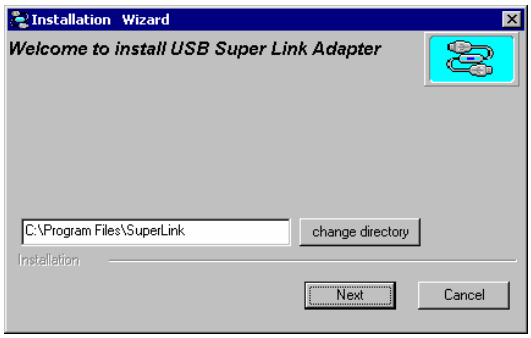
5.5 Windows® 2000 Driver Installation

5.5.1 Power on both computers that you will connect to the Comsol USB2.0 File Transfer Cable and make sure USB port is enabled and working properly.

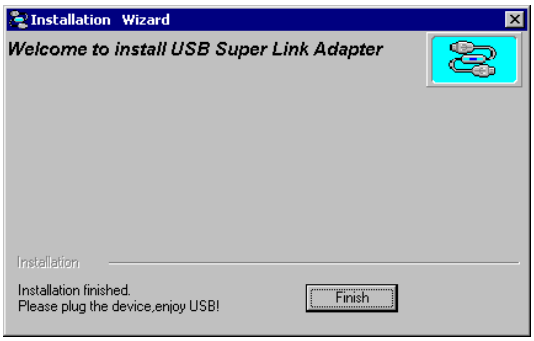
5.5.2 Select path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** (D: represents CD-ROM) and click twice on **"Setup.exe"** to install driver. Attention: Don't plug Comsol USB2.0 File Transfer Cable into PC's USB Port when installing driver.



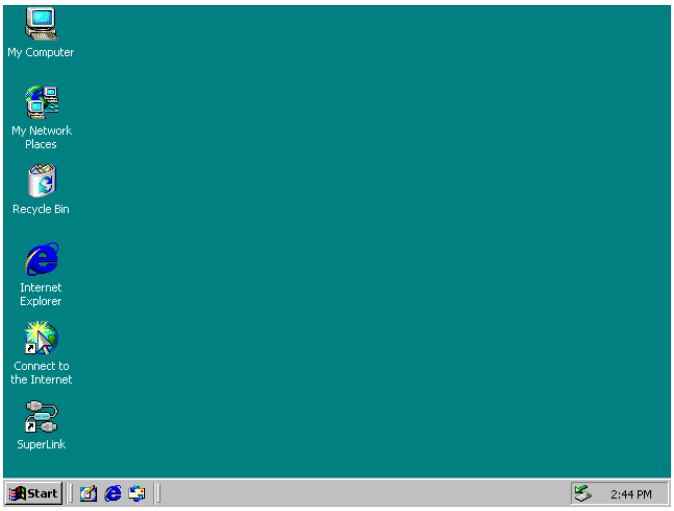
5.5.3 Windows® will install the driver at **"C:\Program Files\SuperLink"**, you may put the driver at another location and click **"Next"** to continue.



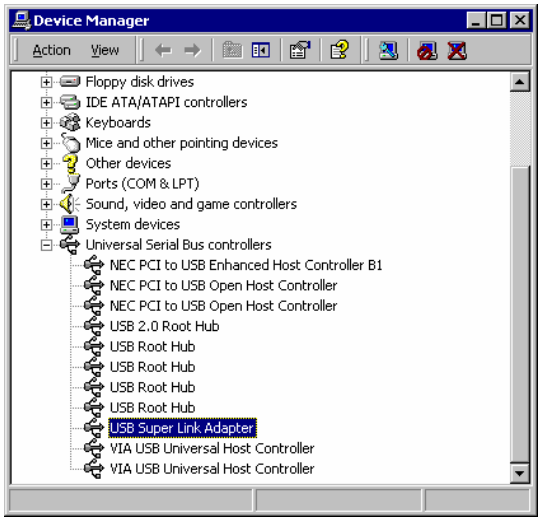
5.5.4 Click on **"Finish"** to end this installation.



5.5.5 After installation, there will be a new icon **"SuperLink"** on the desktop.



5.5.6 Plug Comsol USB2.0 File Transfer Cable into USB Port of PC, then you will find a new item **"USB SuperLink Adapter"** at **"Universal Serial Bus controllers"** of **"Device Manager"**.

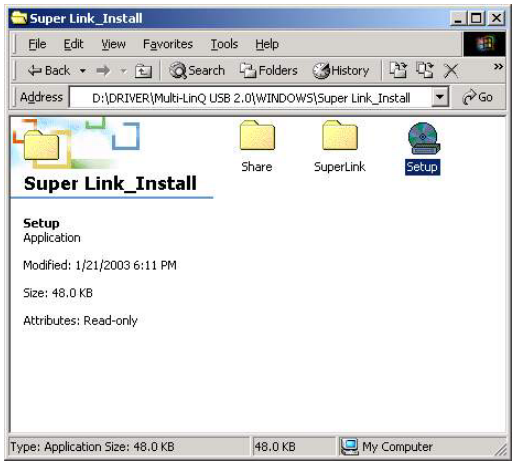


5.6 Windows® 2000 Driver Un-Installation

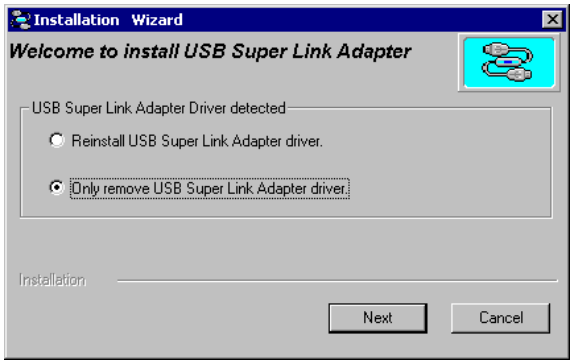
If you don't want to use this cable and want to eternally delete this driver from the PC then just follow the un-install procedure as follows.

Before you go through the un-installation procedure, please make sure that the Comsol USB2.0 File Transfer Cable is un-plugged from PC.

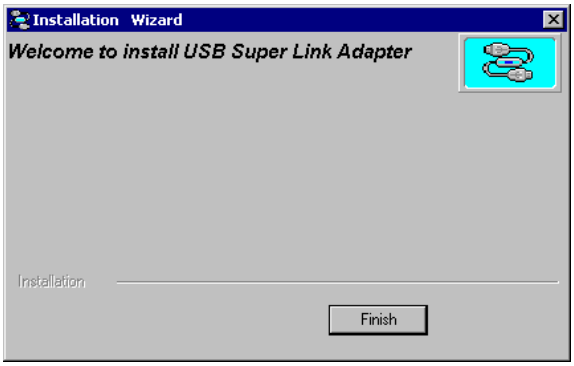
5.6.1 Point to path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** and double click on **"Setup.exe".**



5.6.2 Select **"Only remove USB Link Adapter driver"**, then click **"Next"** to continue.



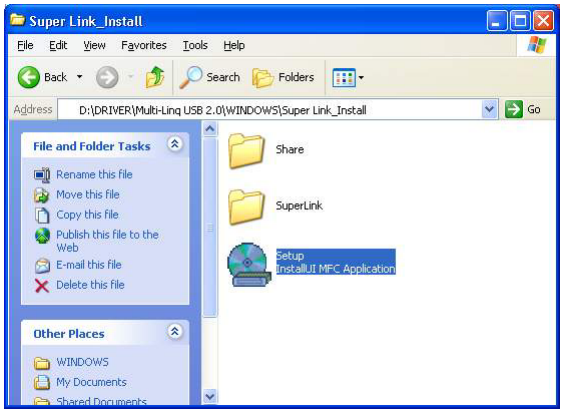
5.6.3 Click **"Finish"** to end this un-installation.



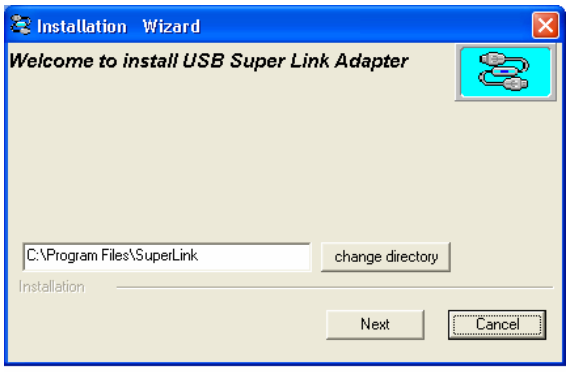
5.7 Windows® XP Driver Installation

5.7.1 Power on both computers that you will connect to the Comsol USB2.0 File Transfer Cable and make sure the USB port is enabled and can working properly.

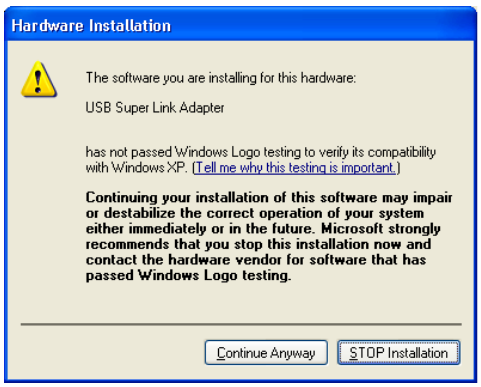
5.7.2 Select path of **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** (D: represents CD-ROM) and click twice on **"Setup.exe"** to install driver. Attention: Don't plug Comsol USB2.0 File Transfer Cable into PC's USB Port when installing driver.



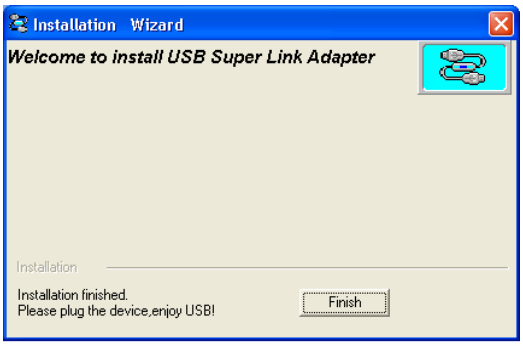
5.7.3 Windows® will install the driver at **"C:\Program Files\SuperLink"**, you may put the driver at another location and click **"Next"** to continue.



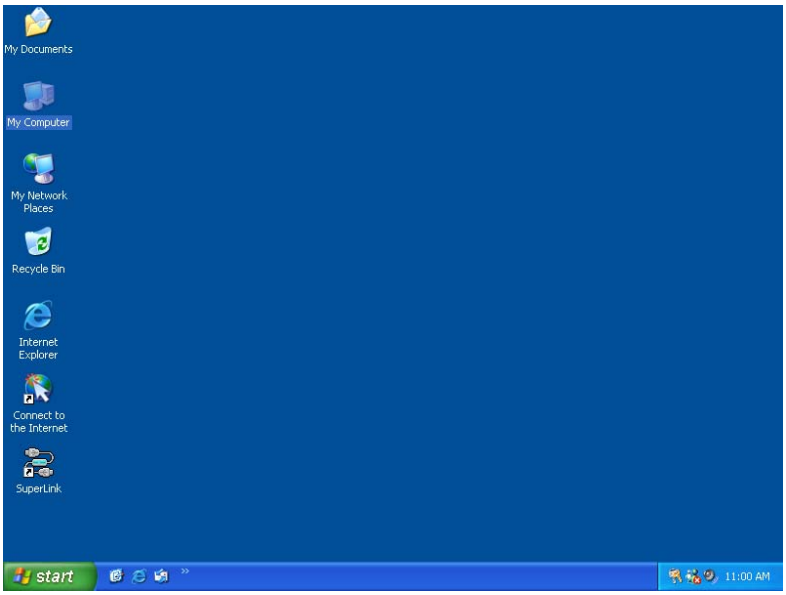
5.7.4 Windows® will show a warning message as follows, press **"Continue Anyway"** to continue the installation.


Hardware Installation
The software you are installing for this hardware:
USB Super Link Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

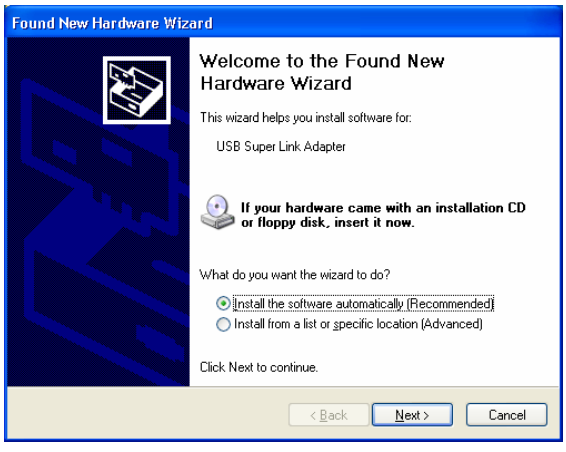
5.7.5 Click on **"Finish"** to end this installation.



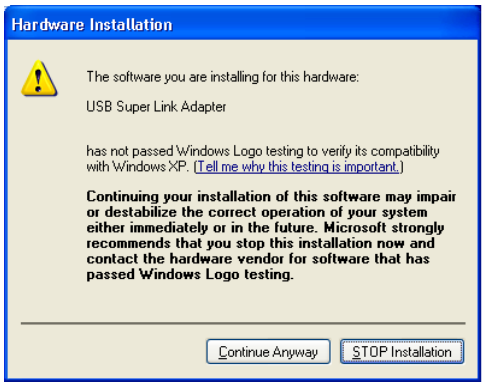
5.7.6 After installation, there will be a new icon **"SuperLink"** on the desktop.



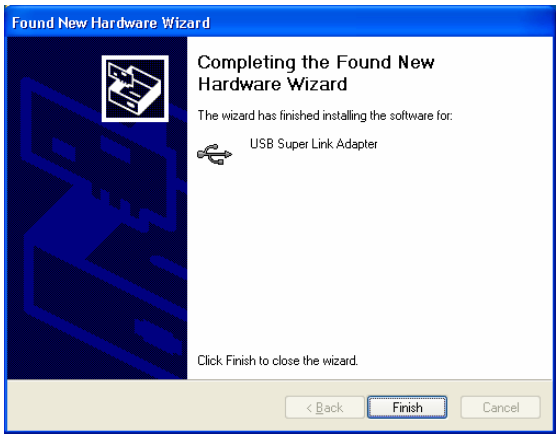
5.7.7 Plug the Comsol USB2.0 File Transfer Cable into PC's USB Port, then "Found New Hardware Wizard" will help you to install the driver. Select **"Install the software automatically [Recommended]"** and click **"Next"** to continue.


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
USB Super Link Adapter
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

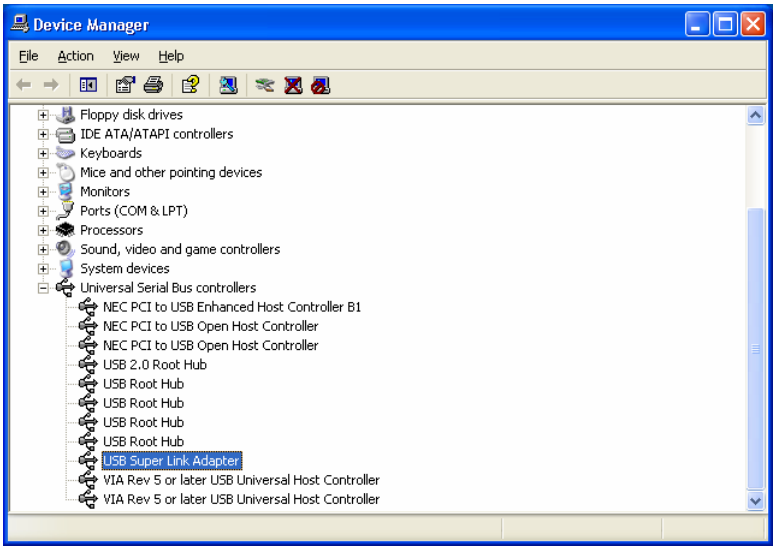
5.7.8 Windows® will show a warning message as follows, press **"Continue Anyway"** to continue the installation.


Hardware Installation
The software you are installing for this hardware:
USB Super Link Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

5.7.9 Click on **"Finish"** to end this installation.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
USB Super Link Adapter
Click Finish to close the wizard.
< Back
Finish
Cancel

5.7.10 Plug the Comsol USB2.0 File Transfer Cable into USB Port of PC, then you will find a new item **"USB SuperLink Adapter"** at **"Universal Serial Bus controllers"** of **"Device Manager"**.

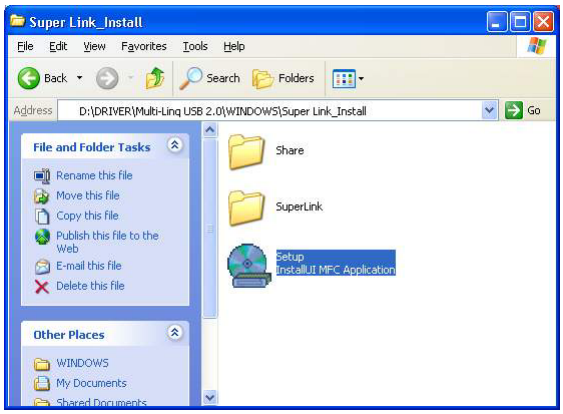

Device Manager
File Action View Help
Floppy disk drives
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Monitors
Ports (COM & LPT)
Processors
Sound, video and game controllers
System devices
Universal Serial Bus controllers
NEC PCI to USB Enhanced Host Controller B1
NEC PCI to USB Open Host Controller
NEC PCI to USB Open Host Controller
USB 2.0 Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Super Link Adapter
VIA Rev 5 or later USB Universal Host Controller
VIA Rev 5 or later USB Universal Host Controller

5.8 Windows® XP Driver Un-Installation

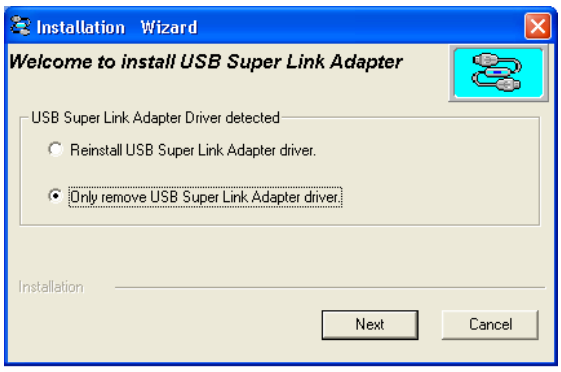
If you don't want to use this cable and want to eternally delete this driver from the PC then just follow the un-install procedure as follows.

Before you go through the un-installation procedure, please make sure that the Comsol USB2.0 File Transfer Cable is un-plugged from PC.

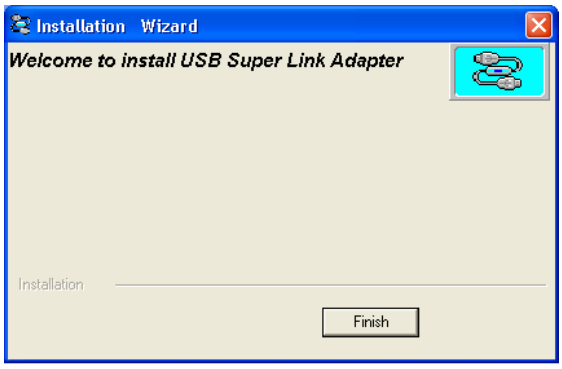
5.8.1 Point to path **"D:\ File Transfer UDT-102\Drivers\WINDOWS"** and double click on **"Setup.exe".**



5.8.2 Select **"Only remove USB Link Adapter driver"**, then click **"Next"** to continue.



5.8.3 Click **"Finish"** to end this un-installation.



6. Running the SuperLink Application Program (PC to PC File Transfer)

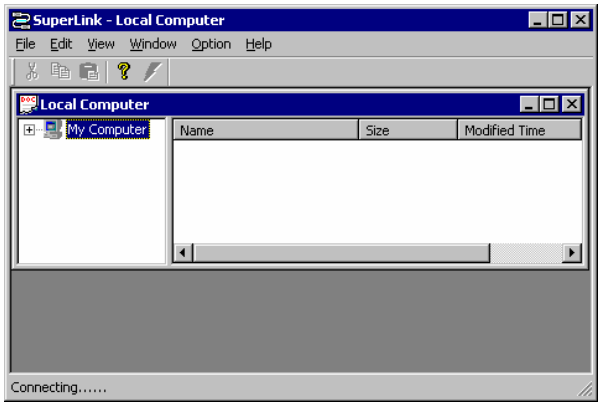
6.1 Windows 98, ME, Windows 2000 & Windows XP

Follow the steps below on how to run the SuperLink application program:

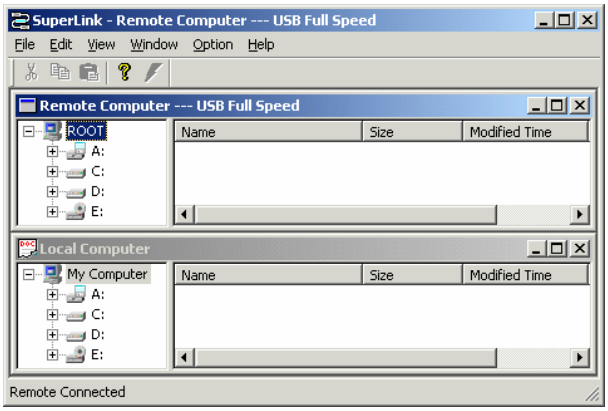
The steps to use the SuperLink application program is similar for all the operating systems, Windows® 2000 will be used as an example.

6.1.1 Assume that the driver has been properly installed on PC#1 and PC#2, and the Comsol USB2.0 File Transfer Cable has been properly connected to each PC.

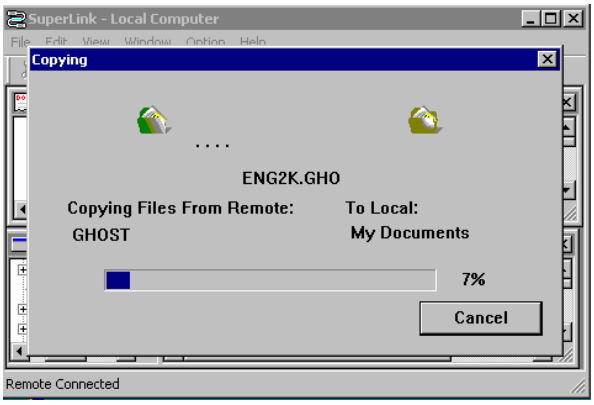
6.1.2 Double click on the **"SuperLink"** icon on the desktop of PC#1 and PC#2. The following will be displayed. The bottom of left hand of the screen will show "Connecting" which means that it is connecting with the remote PC.



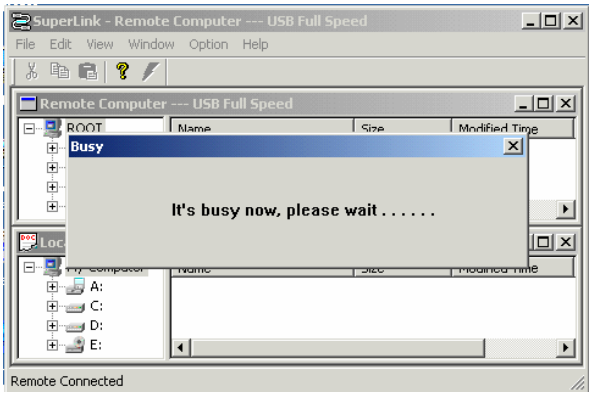
6.1.3 After both computers are connected, then the bottom of left hand of the screen will display "Remote connected".



6.1.4 You can now cut, copy, paste, or drag files and folders between two computers just like Windows® Explorer file manager.



6.1.5 Remote site will display “It’s busy now, please wait ….”



7. Using USB Networking (Ethernet Emulation)

7-1 Windows® 98, Windows® ME, Windows® 2000, Windows® XP Driver Installation

Select the path **“D:\ File Transfer UDT-102\Drivers\WINDOWS”** (D: represents CD-ROM) and click twice on **“setup.exe”** to install driver.
Attention: Don’t plug Comsol USB2.0 File Transfer Cable into PC’s USB Port when installing driver.

7-2 Use USB Networking

After driver is successfully installed, plug Comsol USB2.0 File Transfer Cable into the PC. Then Windows® will install the Network driver for this device; after that you may treat this device as an Ethernet Adapter.

8. FAQ

Q: What if Comsol USB2.0 File Transfer Cable can't be successfully installed?
A: This situation always happens when your USB2.0 port provided by USB2.0 PCI card.
If your USB2.0 PCI Card use Orangemicro driver then please download version 2.0.9 (used at Windows98&ME&2000&XP) from following Web site.
www.orangemicro.com
If your USB2.0 PCI Card use Microsoft driver then please download version 5.1.2600 (used at Windows2000&XP) from Microsoft Web site.

Q: How can I know two PC are successfully connected?
A: The bottom of the screen will show **"Remote Connected"** at both computers.

Q: Should I un-install the driver each time when the cable been plugged-off?
A: You don't have to un-install driver each time when you plug this cable off.
Unless you don't want to use this cable any more, then you could un-install it and remove driver from your PC.

Q: How can I connect 3 PCs to form a USB Network?
A: Connect one USB A type male connector of Cable#1 to PC1, Connect one USB A type male connector of Cable#2 to PC3.
Connect the rest of A type male connector of Cable#1, 2 to PC2.
If you want to connect PC4 to this USB Network then connect Cable#3 to PC1 and PC4.
Connect PC5, PC6 …. to this USB Networking use the similar way.

9. Disclaimer

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10. FCC Statement

This device generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This has been tested and found to comply with the limits of a Class B computing device in accordance with the specifications in Part 15 of FCC Rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by plugging the device in and out, the user can try to correct the interference by one or more of the followings:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the computer into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.